



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Charles J. O'Connor, et al.

DATE: November 5, 2001

SERIAL NO.: 09/829,401

GROUP ART UNIT: 1711

FILED: April 9, 2001

EXAMINER:

FOR: "Sequential Synthesis of Core-Shell Nanoparticles Using Reverse Micelles"

ATTORNEY DOCKET NO.: A99356US (98016.12)

* * * * *

**PRELIMINARY AMENDMENT
AND RESPONSE TO NOTICE TO FILE MISSING PARTS**

Commissioner of Patents
and Trademarks
Washington, D.C. 20231

Sir:

This is an amendment and response to the notice mailed from the U.S. Patent Office on June 5, 2001 in the above-referenced application.

AMENDMENT

Please amend the application as follows:

IN THE CLAIMS:

Please amend the claims to read as follows:

- 1. A method of using reverse micelles as nano-reactors for the growth of metal colloids comprising:
growing a magnetic core material; and
coating the surface with a diamagnetic coating.
2. The method of claim 1, wherein the magnetic core material is from the group consisting of